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	Applicati n No.	Applicant(s)
	10/629,747	LIU ET AL.
Notic of All wability	Examin r	Art Unit
	Dao L. Phan	3662
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT F of the Office or upon petition by the applicant. See 37 CFR 1.31	S (OR REMAINS) CLOSED in i) or other appropriate commu RIGHTS. This application is s	this application. If not included nication will be mailed in due course. THIS
1. X This communication is responsive to 5/13/04.		
2. X The allowed claim(s) is/are <u>1-8</u> .		
3. The drawings filed on are accepted by the Examino	er.	
4. Acknowledgment is made of a claim for foreign priority of a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 1. Copies of the certified copies of the priority documents have 1. Certified copies of the certified copies of the priority documents have 1. Certified copies not received: * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDON! THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 5. A SUBSTITUTE OATH OR DECLARATION must be submined in the complex of the	re been received. re been received in Application occuments have been received. r' of this communication to file MENT of this application. mitted. Note the attached EXA res reason(s) why the oath or lest be submitted. rson's Patent Drawing Review r's Amendment / Comment or	n No I in this national stage application from the a reply complying with the requirements MINER'S AMENDMENT or NOTICE OF declaration is deficient. (PTO-948) attached in the Office action of
each sheet. Replacement sheet(s) should be labeled as such in	the header according to 37 CF	R 1.121(d).
 DEPOSIT OF and/or INFORMATION about the depo- attached Examiner's comment regarding REQUIREMENT 		
Attachment(s)		
1. ☐ Notice of References Cited (PTO-892)	5. Notice of Inf	ormal Patent Application (PTO-152)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)		ımmary (PTO-413), Mail Date
 Information Disclosure Statements (PTO-1449 or PTO/SB/ Paper No./Mail Date 		Amendment/Comment
4. Examiner's Comment Regarding Requirement for Deposit	8. X Examiner's	Statement of Reasons for Allowance
of Biological Material	9.	· Aus
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DAO PHAN PATENT EXAMINER Application/Control Number: 10/629,747

Art Unit: 3662

- 1. The application having been allowed, formal drawings are required in response to this office action.
- 2. The following is an examiner's statement of reasons for allowance: the examiner found no teaching in the prior art that would render obvious the claimed apparatus for detecting the position of a device moving through a pipeline including "a second signal to activate a first global positioning system positioned at the first location to provide a third electrical signal indicating the position of the first location, and a second global positioning system positioned at a second selected, known location remote from the first location to provide a fourth electrical signal to correct the third electrical signal".
- 3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."
- 4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dao L. Phan whose telephone number is (703)306-4167. The examiner can normally be reached on M-F 9:00-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tarcza Thomas can be reached on (703)306-4171. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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5. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

DAO PHAN PATENT EXAMINER